



November, 1998 Vol 6 # 11

## THIS MEETING

Date: Thursday - November 19, 1998  
 Time: 7:30 PM  
 Program: MARS (Military Affiliate Radio System) by Craig Stundahl - NNNØASG  
 Place: Redemption Lutheran Church Fellowship Hall  
 4057 N. Mayfair Rd. (Use the south entrance)

*Handicapped accessible.*

**Please! DON'T call the Church for information!!!**

**Material (Articles or pictures) for next Chatter**  
**Due: January 1<sup>st</sup>**

## Prez Stuff for November

Thanks to Matt KB9PRC our 1st Vice President, for the October meeting on rust prevention. I do not know if everyone caught it when he showed the crusty metal with the wires mounted and said he was holding a handful of diodes. There were no diodes actually mounted on the metal. The rusted connections between the wires and the metal plate form diodes. You are constructing electronic circuits without knowing it. The "diodes" can rectify signals passing through the air and suddenly you have a receiver where one is not supposed to be (receiving a signal that was not supposed to be there).

Don't miss the upcoming meeting on MARS (Military Affiliate Radio System - not the planet). MARS is not as well known in these days of supposed world peace, but the military is one of the few government friends of amateur radio. Let's find out what's new in that area. By the way, the meeting is 1 week earlier due to Thanksgiving. Don't forget (and don't call the church to find out)!

*presltr cont on pg. 3*



*The World's Oldest Continuously Active Radio Amateur Club Since 1917 ARRL affiliation since 1919.*

Phone 466-HAMS or FAX 461-7730  
 Use our Club repeater - W9RH  
 147.045 + offset

### CLUB OFFICERS:

President .....	529-5583
Dave DeFebo .....	WB9BWP
1st V. Pres. ....	483-4389
Matt Planning .....	KB9PRC
2nd V. Pres. ....	548-6138
Brian White .....	KB9LCQ
Secretary 1 (414)	968-2724
Jim Tromblay .....	WB9LNU
Treasurer .....	796-0969
Ken Eggert .....	W9MOT

### BOARD OF DIRECTORS

Mark Bye .....	KB9LDX
(97-99) .....	447-8090
Pancho Doneis .....	KA9OFA
(97-99) .....	344-4694
Rick Kissell .....	WB9GYT
(97-99) .....	643-8039
Rich McNew .....	WB9PTC
(98-00) .....	453-6781
Gerald Metotik .....	KC9EV
(98-00) .....	358-0107
Ed Wille .....	W9PWG
(98-00) .....	461-5961

### HAMATEUR CHATTER

Editor	
Pancho Doneis ...	KA9OFA
	344-4694
Circulation/Roster	
Jerry Thompson .	WA9SFH
	354-6943
Dick Schlatterer ...	KA9MTY
	354-7452



## MILWAUKEE AREA NETS

DAY	TIME	MHZ	ACTIVITY
Daily	6-8 AM	14.290	Wisconsin/Florida Net (SSB)
Daily	6:30 PM	3.645	Wis. Slow Speed CW Traffic Net
MON-FRI	8:30 AM	3.965	After Breakfast Club (SSB)
MON	8:00 PM	146.445	Emergency Net
MON	9:00 PM	146.670	ARES Net (Milwaukee-Waukesha)
MON	9:00 PM	50.160	6 Mtr. General Net
TUE	9:00 AM	50.160	6 Mtr. 2 <sup>nd</sup> shifter's Net
TUE	7:00 PM	442.200	General Racine N9OEZ repeater
TUE	8:00 PM	144.250	Badger Contesters (SSB)
TUE	8:00 PM	7.035	A.F.A.R. Net (CW)
WED	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
THU	9:00 PM	50.160	6 Mtr. General Interest Net
THU	9:00 PM	146.910	Computer Net
FRI	8:45 PM	28.490	W9RH 10 meter MRAC Station Net (SSB)
FRI	9:15 PM	147.045	W9RH 2 mtr. net following the 10 mtr. net
SAT	9:00 PM	146.910	Saturday Nite Fun net
SUN	8:30 AM	3.985	QCWA (Chptr. 55) (SSB)
SUN	10:00 AM	443.800	FM-38 Link to 146.88 Baraboo SWAP Net
SUN	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
SUN	8:00 PM	146.910	Information Net
SUN	9:00 PM	146.910	Swap Net

The 2 meter frequencies are -600 khz offset FM repeaters. FM38 is +5 Mhz offset, tone 114.8. The 10 meter frequencies are upper sideband (USB). If there are additions, changes, or corrections to this list, please contact: Pancho KA9OFA at 344-4694 or call 466-HAMS.

## **HAM Related Telephone BBS's**

**(Computer Bulletin Board Services)**

Digital Ham Shack AES ----- 358-3472  
node 1 ----- 251-1106  
node 2 ----- 251-0201

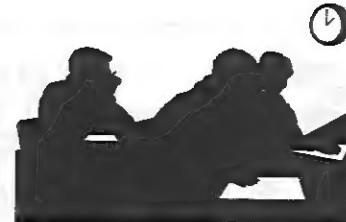
## Editor's Notes

- Dont forget to register for Christmas Party before Dec. 9<sup>th</sup>.
  - Dues 'r Due. Please, get them in.
  - Program for this month is on MARS (Military Affiliate Radio System).

We still could use some help in various areas of interest in our Club. Please contact one of the officers.

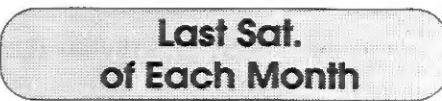
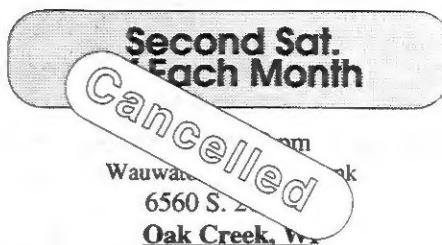
73.

Pancho - KA9OFA, editor



MRA C VEC

## FCC HAM RADIO EXAMS



9:30 A.M. - Noon  
Amateur Electronics Supply  
5700 W. Good Hope Rd.  
Milwaukee, WI

**You will not be permitted to take the exam without these items:**

- 1) Your original license (if you have one) and one photocopy of it.
  - 2) Any CSCE's you may have (and a photocopy of each).
  - 3) Two forms of identification (examples: driver's license and social security card)
  - 4) \$6.45 (exam fee).

Walk-ins welcome, but pre-registration is encouraged if possible. To register in advance, send a post card on which you have printed the grade of license for which you are applying, your name, address and telephone number to:

**Milwaukee Radio Amateurs' Club**  
**P.O. Box 25707**  
**Milwaukee, WI 53225**  
For more information call:  
**466-HAMS**

If you have questions about a new license or upgrade, you may call the FCC at:

**1-888-225-5322**

*presltr cont from pg .1*

**DON'T FORGET THE CHRISTMAS PARTY!** Sunday December 13. Reservations required and must be in by December 9.

MRAC is one of, now only 14 Volunteer Examiner Coordinators in the entire country. The Mountain Amateur Radio Club VEC group has ceased operations.

Do not forget to comment of the FCC rules changes. Not much time left, deadline is December 1. Check out the FCC web site for information. If you make no comment, then I don't want to hear from you when things are changed.

Depending on when you receive this newsletter, there may still be time to vote for ARRL central division director. The deadline is November 20. If you are an ARRL member, please vote (hopefully NOT for Metzger). Whoever wins will be asked to be a speaker at a future club meeting. This is fair warning to

whoever that may be (and that we do expect them to appear).

Volunteers for the past month include Al Drobac KB9NRS, taking over refreshment duties at meetings. Just because Al VOLUNTEERED does not mean he can't use any help. Talk to Al about assisting. Also in October, Jerry Melotik KC9EV and Brian White KB9LCQ handled chatter mailing.

With refreshments sort of handled, on to mailing. We need 1 or 2 people who can handle labeling, stamping and mailing Chatters every month. Mailing labels are printed by Brian White KB9LCQ the keeper of the club database. You would just have to slap the labels down, add a stamp and drop in the mail. Any takers (unless you are not interested in receiving any newsletters)?

Don't forget your club dues are due before the end of January. Also be sure the club has your information (name, address, call, email, etc.) cor-

rect. After the dues due date we would like to put out a new club roster. Correct information in it would be nice.

What with the early November meeting and the Christmas party for December, The next newsletter you receive will be sometime in January. As President I would like to take this opportunity to wish everyone and their families a joyous holiday season and New Year. Let's hope the new year brings you new and pleasurable adventures (maybe including volunteering to help out your local radio club?). Let's see if the club can have some new adventures also. January meeting is Thursday, January 28, 1999. If not at the Christmas Party, see you then.



*David B. Metzger*

El Presidente

## MRAC Old Timer Becomes Silent Key Fred Krause W9VLK/VE #13

An MRAC member since 1938. He got his ticket in 1935 along with Roger Zaun - W9UVV after high school.

In 1938 I met Fred at the W9SNK shack on 68th Street. Charlie Kaetel, Fred and I worked on Charlie's KW AM rig in three Western Electric racks for 10, 20, 40 & 80 meters. I still have one of the racks in my garage filled with power supplies and final.

It was Fred who showed me how to cut a hole in a steel panel, or chassis with a coping saw! Fred was always a gentleman who was willing to help at anytime. This past year much of his collection found its way to our club raffle table.

I'm sure that I'm not the only one that will miss him. A friend, a ham, and always a gentleman.

*Richard D. Miller*

73 Ed - W9PWG

Hamateur Chatter --- 3 --- NOVEMBER, 1998

## W9VLK Details

Frederic A. Krause "W9VLK" passed away at home Nov. 8. Age 80. Preceded in death by his former wife Barbara, Father of Karen (Howard) Brinkman and Clifford Krause, and granddad of Rachel, Anna, and Paul Brinkman and Cousin of Elaine Ladwig and Bob Boheim. He is also survived by other relatives and friends

Fred retired after a lifetime of dedicated service with Square D Company and was an avid Ham and member of MRAC.

Details taken from  
Milwaukee Journal Sentinel

## MRAC General Meeting - 10/29/'98

The meeting was called to order at 7:40 pm.

Previous meeting minutes were read and approved as written.

Treasurers report — Liquid assets \$3007.90 and rising daily due to new dues coming in. Ken also asked if everyone has a club I.D. badge for the meeting. If not please let him know and he will see that a new one is made for you.

The mic was passed for all to I.D. Fred Recklies - KB9JBG thanked everyone for the flowers that the club sent while he was in the hospital.

Dave reminded everyone to vote for a new ARRL 9th division director because the present one doesn't even take the time to answer our letters. Also don't forget to send in your comments to the FCC on the new proposed rule making on new license structure. The comments are due by Dec.

Dave says we should all save our receipts from anything we buy from AES because last year, they had a program that clubs could get a 1% discount on club purchases based on the total purchases by it's members and they may do it again. Copy your receipts and give them to the secretary.

Al - KB9NRS will be taking over as food coordinator at the club meetings. He is looking for additional volunteers to help him. Please see Al if you care to help.

Mark - KB9LDX says he has a packet bulletin board on 145.030. We should check in some time. There is some MRAC info on the bulletin board.

Dave says we should check in to the Friday night net once and awhile. Also we need a new net control so Ed can have a rest. Ed has been doing it for several years now.

Next month's meeting program will be about the Navy MARS program. Our speaker will be from Great Lakes Naval Station.

Ed gave the latest details on the repeater and explained some of the mistakes he made in tuning the cavities and thus the reason we could not get into the repeater. The adjustments have been corrected. What the repeater needs is a higher and more centrally located site.

The meeting adjourned at 8:30 pm.

The program for the evening was by Matt - KB9PRC on protecting (*Wisconsinproofing*) metals and repairing rusted or corroded metals.

Respectfully submitted,



Jim - WB9LNU  
Secretary



### History Buff

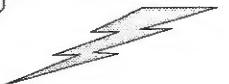
The capacitor, is a device for storing energy. The beginning was in the year 1746 at a place called Leyden, Holland, where a physicist named Pieter van Musschenbroek was performing some experiments in an attempt to "electrify" water. Bear in mind that the year 1746 was in the early dawn of the electrical age. Ben Franklin hadn't even gotten around to flying his famous kite yet. (That happened in 1752.) Pieter van Musschenbroek had a number of crude batteries, a variety of glass jars, and some thin copper foil. He lined a very thin glass jar inside and out with the copper foil. Then he filled the jar with water and placed it inside a larger jar which was also filled with water. He attached the

batteries to the foils and nothing happened. Pieter naturally assumed that his experiment to electrify water was unsuccessful, so he emptied the jars of water and disconnected the batteries, in the process he accidentally touched the leads connected to the foils and got the shock of his life. This must have been quite a surprise to him since the batteries were no longer connected to the jar. The question was, where did all this electrical energy come from??? Today we know that Pieter van Musschenbroek had by accident discovered the capacitor. It is interesting to note that present day laboratories use a capacitor almost identical to Pieter's original as a standard. It is even called the Leyden jar, in honor of its place of dis-

covery. It is unfortunate that Herr van Musschenbroek's name wasn't a little bit shorter and easier to spell, because he gets very little credit for his discovery. Although Pieter van Musschenbroek discovered the capacitor, another noted scientist's name is more commonly used in connection with the device, Michael Faraday. Faraday developed the method used to measure capacitance. The basic unit of capacitance is named after him, Farad.

For all our new comers, please note that experimenting with capacitors such as Pieter did, can give you a nasty shock. Even a fatal one!!

Jim WB9LNU



## MRAC Board Meeting 10/26/98

The meeting was held at Matt's QTH. Called to order at 7:00 pm.

The minutes of the previous meeting were read and approved as written.

Absent Ed - W9PWG.

Treasurers report. — Total liquid assets \$2921.77 Total MRAC funds with CD's \$8921.77. Ken also reports that he will continue to try and set up a charge account with Office Depot so anyone can pick up the "Chatter after it is printed and will not have to pay cash from their personal funds. Office Depot wants a bank statement showing that the club has funds to cover the charges.

The next Board meeting will be held at Mark's QTH at 2467 N. 58th St. His phone is 447-8090 on Nov. 16th.

Our usual music group for the Christmas party will not be available so the Board has decided to provide our own CD music for background. Ed and Jim will try to bring some equipment for this. The Board also decided to give the painting donated by Harry Cieszki - K4VKW as a prize at the party.

Dave will send letters out to some of the local club presidents and in-

vite them to come to the party. He will enclose a dinner application. He will also write the newly elected ARRL people from the 9th division and ask them if they would like to come.

A lengthy discussion was held on how to get more people to join the club. Mark suggested that a good working repeater would help a lot. Mark made a motion that we do whatever is necessary to bring our repeater up to its highest working standard. And that we pursue a better site to get the best coverage we can. The Board agreed to push for this after the 1st of the year. Dave says the only stipulation should be that we can't afford \$100 per month for a site.

Pancho showed the new sample "Chatter to the board to give some idea of what it may look like. Pancho says that he still will meet with the guy that is helping with the new format to iron out more details prior to using it for the first time.

Brian KB9LCQ will keep the club's new database. After all membership renewals are in, he will be able to formulate a roster. Kate - KA9MWT is helping Pancho with the Birthdays column. Jerry Melotik

and Matt Planning have promised to take care of getting the 'Chatter mailed in November.

Al - KB9NRS will take over organizing the refreshments at the club meetings. Al will be looking for helpers and they should see him if you would like to volunteer to help.

Dues deadline is March 1st after which, no more "Chatters will be sent.

Dave requested that the secretary get a list of all the video's that the club owns from Ed.

Jerry Melotik is still looking for the best deal on the new club tables and chairs. We won't need them until Field Day, so he obviously has some time yet.

Matt is checking with Will Silk Screen Co. on getting club "T" shirts. We will have a detailed discussion at one of the meetings after the 1st of the year.

The meeting adjourned at 9:12 pm.

Thanks to Matt for the use of his QTH for the meeting.

Respectfully submitted,

*Jim WB9LNU*

Jim - WB9LNU  
Secretary



### Christmas Party and Membership Renewal

Don't forget to register for our Christmas party at Alioto's Restaurant on Hwy 100. Walk-ins will not be served.

Don't forget to renew your MRAC membership by paying your dues and filling out an application/information form. Filling out this form is important and will help us (the Board) in knowing our membership and know better how to serve and guide the Club. By not paying your dues before March you will be sending us a message that you no longer wish to be included in our roster and mailing list and you will no longer receive Hamateur Chatter or be included in the roster.

### Mars Program for Nov. Meeting

On Nov. 19th the Director of Region Four for MARS (Military Affiliate Radio System) will give a talk on MARS. His name is Craig Stundahl and his MARS callsign is NNN0ASG. He is currently in the Navy and he is Stationed at Great Lakes Naval Base. His rank is RMCS (SW) which, stands for Senior Chief Radioman Surface Warfare.

## MARTHA STEWART'S HOLIDAY CALENDAR

- Dec. 1 Blanch carcass from Thanksgiving turkey. Spray paint gold, turn upside down and use as sleigh to hold Christmas Cards.
- Dec. 2 Have Mormon Tabernacle Choir record outgoing Christmas message for answering machine.
- Dec. 3 Using candlewick and handgilded miniature pine cones, fashion cat-o' nine tails. Flog gardener.
- Dec. 4 Repaint Cistene Chapel in ecru, with mocha trim.
- Dec. 5 Get new eyeglasses. Grind lenses myself.
- Dec. 6 Fax family newsletter to Pulitzer committee for consideration.
- Dec. 7 Debug Windows '95.
- Dec. 10 Align carpets to adjust for curvature of the earth.
- Dec. 11 Lay Fabrege egg.
- Dec. 12 Take dog apart. Disinfect. Reassemble.
- Dec. 13 Collect dentures. They make excellent pastry cutters, particularly for decorative pie crusts.
- Dec. 14 Install plumbing in gingerbread house.
- Dec. 15 Replace air in mini van's tires with Glade "Holiday Scents" in case tires are shot out at mall.
- Dec. 17 Childproof the Christmas tree with garland of razor wire.
- Dec. 19 Adjust legs of chairs so each Christmas dinner guest will be same height when sitting at his or her assigned seat.
- Dec. 20 Dip sheep and cows in egg whites and roll in confectioner's sugar to add a festive sparkle to the pasture.
- Dec. 21 Drain city reservoir. Refill with mulled cider, orange slices, and cinnamon sticks.
- Dec. 22 Float votive candles in toilet tank.
- Dec. 23 Seed clouds for white Christmas.
- Dec. 24 Do my annual good deed. Go to several stores. Been seen engaged in last minute Christmas shopping thus making many people feel less inadequate than they really are.
- Dec. 25 Bear son. Swaddle. Lay in color coordinated manger scented with homemade potpourri.
- Dec. 26 Organize spice racks by genus and phylum.
- Dec. 27 Build snowman in the exact likeness of God.
- Dec. 31 New Year's Eve! Assign staff their resolutions. Call a friend in each time zone of the world as the clock strikes midnight in that country/zone.

### Congratulations to Christina Smith

Congratulations Are in Order Congratulations to Cristina Smith. Christina took her Novice on Saturday Oct. 3rd at AES passing 1A code and element 2 on Wednesday Nov. 4. She got her Novice call, KB9TPA. Then on the next Saturday in Waukesha Nov. 7 she passed 3A. So she's now a Tech Plus. How's that? Look for Christina on the air and congratulate her. I will call her to see if she can come to the next MRAC meeting on Nov. 19th, so we all can meet her.

73

Ed - W9PWG, VEC

How about you upgrading? Attendance at our testing sessions is low (5-10 taking the test at best.). Do it now before all the changes per F.C.C.

Our new testing fee is \$6.49 January 1999.

## VE Information

### Our List of VE's for October / November 98

Robert Immekus - W9CYI  
Kate Kedney - KA9MWT  
Father William Kidd - NE9W  
John Merkl - WB9PSE  
Rich McNew - WB9PTC  
Jim Tromblay - WB9LNU  
Jerry Thompson - WA9SFH

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3 - Testing sessions  
3 - New hams  
7 - Upgrades  
6 - Fails

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### Please Note!

We will **NO LONGER** be **TESTING** at the Oak Creek Wauwatosa Savings Bank site (6560 S. 27th Street) due to the very low turnout over the last six months. Each session requires three extra class VE's. These people have traveled all the way across town and have given up part of their Saturday afternoon for only two to four persons taking the exam.

I would like to thank those hams who have helped us.

As of January '99, the FCC has raised the testing fee to \$6.49 a 1.5% increase in consumer price index. The ARRL / VEC, W5YI / VEC and MRAC / VEC groups will all increase to \$6.45 (*rounded off from the FCC fee increase*) starting in January.

Happy Holidays from your VE team. We would like to see you upgrade in '99. Call on us for help anytime.

73 Ed - W9PWG MRAC, VEC  
*We in the HAM community  
(especially the seasoned HAMS)  
should all be "Elmers".*

# HO, HO, HO!



*Its our*  
**MRAC Christmas Party**

*Let's celebrate in style and get  
Everyone out for the doin's.  
Sunday - December 13, 1998*

Hospitality 6:00 p.m.  
Dinner 6:30 p.m.

**Alioto's restaurant**

3041 N. Mayfair  
(near Hwy 100 and Burleigh)

This Year's Christmas dinner will be  
**Alioto's Special Buffet** consisting of:

**Roast Beef - Au Jus, Baked Chicken, Baked Haddock - Florentine,**  
Green Beans - Almondine, Mixed vegetables,  
Buttered New Potatoes and Vegetable Rice Medley.

Included with the above Buffet choices are:  
Assorted Relish Tray, Assorted Jello Molds,

Tossed Green Salad with Dressing, Italian Bread and Butter, Coffee,  
Tea or Milk and Cake. Beer and Soda will be provided by the Club.

Mixed drinks will be available at the bar at your expense.

The total per person is \$16.00.

Jim - WB9LNU

Secretary



Please send for your dinner reservations A.S.A.P., (so we can plan).  
We MUST have them **NO LATER THAN DECEMBER 9<sup>th</sup>**.

Please, allow for Holliday mailing time!



Name / Call \_\_\_\_\_

Guest Name(s)/Call(s) \_\_\_\_\_

Number of persons \_\_\_\_\_ X \$16.00 per person = \$\_\_\_\_\_

Please make your check out to **MRAC**

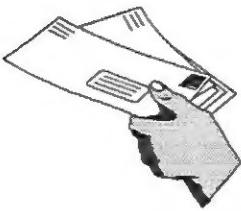
All dinner ticket requests should go to the Club Treasurer:

Ken Eggert - W9MOT

2815 Santa Barbara Dr.

Brookfield, WI 53005-3711

or to the Club's P.O. Box



**Do It NOW!!!**



## HAM CLUB ACTIVITIES

CQ Third Tuesday  
11:00 am  
Old Country Buffet  
164<sup>th</sup> and Bluemound

Y'all come(!) to the **MRAC HAM BREAKFAST** every Saturday morning at 8:00 a.m. at **Maxim's Restaurant 18025 W. Capitol Dr.** (a bit west of Calhoun). Prices are reasonable, the food good, and the company excellent.

### First Friday Fish Fry

Serb Hall at 51st and Oklahoma Ave. Call: Warren - K9IZV on the 146.91 - offset for reservations by Noon on that FRI.

### W9RH-10 & 2 METER NETS

W9RH Ten Meter Net 8:45 PM at 28.490 MHz. SSB Friday evenings at 9:15 2 meter FM repeater at 147.045 + offset. We'd like to meet you there.

## CLUB MEETINGS

### Menomonee Falls Amateur Club

Last Wed of the month  
Doors open @ 7:00 p.m. Mtg @ 7:30 p.m.  
Bank One Bldg. @  
Pilgrim Rd. and Mequon Rd.  
Germantown, WI

## CLUB MEETINGS continued

### Milwaukee Radio Amateur's Club

Last Thursday of the month 7:30 p.m.  
**Redemption Lutheran Church**  
4057 N. Mayfair Rd.  
Milwaukee, WI

### Miller Valley Radio Amateur Club

Tuesday evenings at 6:30 p.m.  
at 703 N. 39th St.,  
just north of (and almost under)  
the Wis. Ave. viaduct.  
For info contact: Art - WA9AWJ  
(found daily on the 146.91 repeater).

### Ozaukee Radio Club

Second Wed. of each month  
7:30 p.m.  
Grafton Multipurpose Senior Center  
Grafton, WI

### South Milwaukee Amateur Radio Club

First Wednesday of each month  
American Legion Post 434  
9327 S. Sheppard Ave  
Oak Creek, WI  
Auction at March & October mtgs.

### West Allis Radio Amateur Club

Meets the second Tuesday of each month  
at 8:00 p.m.  
At St. Peter's Episcopal Church  
7929 W. Lincoln Ave.  
West Allis, WI

## NEWS CONTRIBUTIONS

Articles and information for the newsletter should be received by the editor no later than the first of the month of publication. If received after the first of the month, its inclusion in that month's edition cannot be guaranteed. Your cooperation is appreciated.

Please mail submissions to:

**HamateurChatter**  
**Pancho Doneis - KA9OFA**  
1958 N. 38th St.  
Milwaukee, WI 53208

Thanks to our news contributors this month:

**WB9BWP KB9LDX KA9MWT  
KB9LCQ WB9LNU W9PWG**



# Our People

## December and January Birthdays

### Birthdate

Gerald R. Melotik ----- KC9EV ..... 12-01  
Harry A. Cieszki ----- K4VKW ..... 12-02  
Douglas A. Pavek ----- W9FDX ..... 12-06  
Mike J. O'Donnell ----- N9PSM ..... 12-09  
Lester A. Peterson ----- W9YCV ..... 12-10  
Robert A. Glamm ----- W9UGN ..... 12-14  
Donald E. Beherns ----- KD9FK ..... 12-14  
Byron E. Bye, Jr. ----- N9RTL ..... 12-16  
Richard D. Wyble ----- KB9OSA ..... 12-16  
Arthur C. Strege ----- KC6MWQ ..... 12-23  
Terry J. Sterman ----- W9DIA ..... 12-24  
Thomas J. Sherlowsky ----- N9UFJ ..... 12-27  
Robert J. Graushar ----- WA9TID ..... 12-28  
Jerry G. Riedel ----- KA9AJF ..... 12-30

### Birthdate

Herbert J. Stich ----- KA9LDT .... 01-02  
Warren Schall ----- K9IZV ..... 01-02  
Jerry Thompson ----- WA9SFH .... 01-16  
James R. Slamer ----- W9NTZ ..... 01-18  
Clifford Staeven ----- AA9VL .... 01-19  
John Koehler ----- W9DG ..... 01-22  
Vernon J. Hazlett ----- K9UVM .... 01-25  
Pat A. Wilken ----- N9UFL ..... 01-26  
Lester O. Gerlach ----- W9UPM ..... 01-28  
Richard D. Helz ----- WG9I ..... 01-31  
Richard L. McNew ----- WB9PTC .... 01-31

73 de  
**KA9MWT, Kate**  
and  
**KB9LCQ, Brian**



# ii Happy Birthday !!

Use our  
W9RH Repeater  
147.045 MHz + offset

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## Upcoming Events

\* Indicates VE Testing

**\* ANNUAL MRAC  
CHRISTMAS PARTY \***

Dec. 13, 1998  
Alioto's Restaurant  
@ Hwy 100 & Burleigh

**1999**

**27<sup>TH</sup> ANNUAL MIDWINTER  
WARAC SWAPFEST \***  
**SAT - JAN. 9, 1999**  
Waukesha County Expo Center  
Waukesha, WI

**SOUTH BEND HAMFEST & COMPUTER  
EXPO**

**SUN - JAN. 10, 1999**

Century Center  
SouthBend IN  
T/I on 145.290

**NW MISSOURI WINTER HAMFEST \***

**SAT - JAN. 16, 1999**  
Ramada Inn of St Joseph  
St. Joseph MO  
T/I on 146.85 & 444.925

**32<sup>ND</sup> MID WINTER HAMFEST \***

**SUN - JAN. 24, 1999**  
the Odeum Exposition Center  
Villa Park, IL  
T/I 145.390

Send Fliers or info to:  
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pancho@thepark.net

Hamateur Chatter --- 8 --- NOVEMBER, 1998



Milwaukee  
Radio Amateurs' Club  
P.O. Box 25707  
Milwaukee, WI 53225

Nov., 1998 Vol 6 #011

**THIS MEETING**  
**Thur.-Nov. 19, '98**

Board mtg. Nov. 16

Next Meeting  
Jan. 28, 1998



M R A C